



ZEVERsolar

Technical Data

Eversol TL3200 / TL4000 / TL4600 / TL5400

Type	Eversol TL 3200	Eversol TL 4000	Eversol TL 4600	Eversol TL 5400
DC input data				
Max. PV-generator power [W]	3200	4200	4600	5400
Max. DC Voltage [V]	580(others)/550(AS4777)	680	680(others)/550(AS4777)	680(others)/550(AS4777)
MPPT voltage range [V]	125 - 530	125 - 550	125-550(others)/125-530(AS4777)	125-550(others)/125-530(AS4777)
Turn off DC Voltage [V]	125	125	125	125
Max. DC current [A]	20	20	20	25
Number of DC connection	1(others) / 2 (AS4777)	2	2	2
Number of MPP trackers	1	1	1	2
Turn on power [W]	10			
Output data				
Power connection	Single phase			
Rated AC power [W]	2800	3600	4000	4600
Max.apparent AC Power [VA]	3080	4000	4400	5000
Grid voltage range	184-264 (VDE 0126-1-1)/ 207-264 (G83/1)/ 196-253 (RD1663)/ 200-270 (AS4777)/ 184-276(ENEL Guida)	207-264 (G83/1)	184-264 (VDE 0126-1-1)/ 207-264 (G83/1)/ 196-253 (RD1663)/ 200-270 (AS4777)/ 184-276(ENEL Guida)	
Grid frequency range	47.5-50.2 (VDE 0126-1-1)/ 47-50.5 (G83/1)/ 49-51 (RD1663)/ 45-55 (AS4777)/ 49-51 (ENEL Guida)	47-50.5 (G83/1)	47.5-50.2 (VDE 0126-1-1)/ 47-50.5 (G83/1)/ 49-51 (RD1663)/45-55 (AS4777)/ 49-51 (ENEL Guida)	
Rated current [A]	12.2	15.6	17.4	20.0
Max. current [A]	15.4 (other) /14.9 (G83/1)	20 (others)/16(G83/1)	22 (others)/21.3(G83/1)	25 (others)/24.2(G83/1)
Power factor	0.99	0.99	0.99	0.99
Harmonic distortion (THD) at rated output	<2%	<2%	<2%	<2%
Power consumption at night [W]	<0.2	<0.2	<0.2	<0.2
Power consumption at standby [W]	6	6	6	6
Efficiency				
Max. efficiency	97.6%	97.6%	97.6%	97.6%
Euro efficiency	96.5%	97.0%	97.0%	97.0%
MPPT adaptation efficiency	99.5%	99.5%	99.5%	99.5%
Safety equipment				
Internal overvoltage protection	Integrated			
DC Insulation monitoring	Integrated			
Earth fault protection	Integrated			
Mains monitoring	Integrated			
Earth fault current monitoring	Integrated			
DC current monitoring	Integrated			
Islanding protection	AFD			
General data				
Dimensions (WxHxD) [mm]	344x590x166			
Weight [kg]	20.9	21.4	21.4	23.5
Installation environment	Indoor and outdoor			
Mounting information	Wall screw			
Operating temperature range	-20°C ... +60°C (up 40°C derating)			
Relative humidity	0% ~ 98%, no condensation			
IP protection type	IP 65 according to IEC 60529			
Isolation type	Transformerless			
Cooling concept	Convection	Fan(680V)/Convection(550V)	Fan(680V)/Convection(550V)	Fan(680V)/Convection(550V)
Noise level	< 40 dBA			
LED display	3			
LCD display	Backlight, 16 x 2 Character LCD			
Communication interface	RS485/RS232/wireless(Optional)			
Standard warranty	5 years			

Jiangsu ZeverSolar New Energy Co.LTD

Building 9 No. 198 Xiangyang Road

CN-215011 Suzhou P.R.China

Tel: +86 512 6937 0998